

11002 U.S. PTO
10/085786
02/28/02

LIST OF DOCUMENTS CITED BY APPLICANTS (Use several sheets if necessary)	ATTY. DOCKET NO. 6843MRRC	SERIAL NO.
	APPLICANT Ledoussal et al	
	FILING DATE February , 2002	GROUP 1625

U. S. PATENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	1	4,017,622	4/12/77	Minami et al.	424	250	
	2	4,341,784	7/27/82	Matsumoto et al.	424	256	
	3	4,448,962	5/15/84	Irikura et al.	544	362	
	4	4,544,658	10/1/85	Petersen et al.	514	254	
	5	4,544,747	10/1/85	Ishikawa et al.	546	156	
	6	4,665,079	5/12/87	Culbertson et al.	514	312	
	7	4,771,054	9/13/88	Domagala et al.	514	312	
	8	4,780,468	10/25/88	Bridges et al.	514	312	
	9	4,822,801	4/18/89	Domagala et al.	514	312	
	10	4,855,292	8/8/89	Ueda et al.	514	312	
	11	4,894,548	1/16/90	Masuzawa et al.	546	156	
	12	4,920,120	4/24/90	Domagala et al.	514	254	
	13	4,988,709	1/29/91	Ogata et al.	514	314	
	14	4,990,517	2/5/91	Petersen et al.	514	300	
	15	4,997,943	3/5/91	Iwata et al.	544	363	
	16	5,043,450	8/27/91	Masuzawa et al.	546		
	17	5,051,509	9/24/91	Nagano et al.	546	156	
	18	5,098,912	3/24/92	Hayakawa et al.	514	312	
	19	5,116,834	5/26/92	Domagala et al.	514	212	
	20	5,281,612	1/25/94	Domagala et al.	514	300	
	21	5,286,723	2/15/94	Hayakawa et al.	514	213	
	22	5,348,961	9/20/94	Iwata et al.	514	312	
	23	5,364,861	11/15/94	Hagen et al.	514	300	
	24	5,457,104	10/10/95	Bartel et al.	514	234.5	
	25	5,563,155	10/8/96	Domagala et al.	514	312	
	26	5,770,597	6/23/98	Kim et al.	514	230.2	
	27	5,457,104	10/10/95	Bartel et al.	514		
	28	5,519,016	05/21/96	Kimura et al.	514	212	

FOREIGN PATENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO
	29	JP 244733	08/29/91	Japan			X	
	30	JP 287669	04/10/97	Japan			X	
	31	JP 178847	06/18/97	Japan			X	
	32	JP 240318	08/20/97	Japan			X	
	33	JP 056673	08/25/87	Japan			X	
	34	CA 2,217,164	10/10/96	Canada			X	
	35	CA 2,228,536	08/04/98	Canada			X	
	36	EP 207,497 A2	1/7/87	Europe	C07D	401/04		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

LIST OF DOCUMENTS CITED BY APPLICANTS <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO. 6843MRR	SERIAL NO. 09/929,943
APPLICANT Ledoussal et al		
FILING DATE August 15, 2001		GROUP 1612

U. S. PATENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
	37	EP 235,762 A1	9/9/87	Europe	C07D	401/04		
	38	EP 443,498 A1	8/28/91	Europe	C07D	401/04		
	39	EP 550,016 A1	7/7/93	Europe	C07D	401/04		
	40	EP 641,793 A1	3/8/95	Europe	C07D	401/04		
	41	JP 51-086,476	7/29/76	Japan	C07D	401/06	X	
	42	JP 64-016,767	1/20/89	Japan	C07D	215/56	X	
	43	JP 05-345,777	12/27/93	Japan	C07D	401/04	X	
	44	JP 09-136,886	5/27/97	Japan	C07D	401/04	X	
	45	WO 97/19072 A1	5/29/97	World	C07D	410/04	X	
	46	WO 97/29102	8/14/97	World	C07D	401/04	X	
	47	IT 1,279,532	1/24/97 (Laid Open)	Italy	A61K		X	
	48	WO 99/14214	03/25/99	PCT	C07D			
	49	230 295	07/29/87	EPO	C07D			
	50	237 955	09/23/87	EPO	C07D			

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

51	Albrecht, "Development of Antibacterial Agents of the Nalidixic Acid Type", <u>Prog. In Drug Research</u> , 21 (1977) pp. 9-104.
52	Koga et al., "Structure-Activity Relationships of Antibacterial 6,7- and 7,8-Disubstituted 1-Alkyl-1,4-dihydro-4-oxoquinoline-3-carboxylic Acids", <u>J. Med. Chem.</u> , 23 (1980), pp. 1358-1363.
53	Klopman et al., "Computer Automated Structure Evaluation of uinolone Antibacterial Agents", <u>Antimicrob. Agents Chemother.</u> , 31 (1987), pp. 1831-40.
54	Wolfson et al., "The Fluoroquinolones: Structures, Mechanisms of Action and Resistance, and Specra of Activity In Vitro", <u>Antimicrob. Agents Chemother.</u> , 28 (1985), pp. 581-586.
55	Wentland et al., "Chap. 15. Quinolone Antibacterial Agents", <u>Annual Reports in Medicinal Chemistry</u> , 1985, pp. 145-54.
56	Cornett et al. "Chap. 14. Quinolone Antibacterial Agents", <u>Annual Reports in Medicinal Chemistry</u> , 1986, pp. 139-48.
57	Fernandes et al., "Chap. 12. Quinolones", <u>Annual Reports in Medicinal Chemistry</u> , 1987, pp. 117-26.
58	Xiam et al., "Synthesis and in Vitro Antibacterial Activity of Some 1- (Difluoromethoxyphenyl) quinolone-3-carboxylic Acids". <u>J. Pharm. Sciences</u> , 78 (1989), pp. 585-8.
59	Domagala et al., "7-Substituted 5-Amino-1 cyclopropyl-6,8-difluoro- 1,4-dihydro-4oxo3-quinolinecarboxylic Acids: Synthesis and Biological Activity of a New Class of Quinolone Antibacterials", <u>J. Med. Chem.</u> , 31 (1988), pp. 503-6.
60	Sanchez et al., "Quinolone Antibacterial Agents. Synthesis and Structure-Activity Relationships of 8-Substituted Quinolone-3-carboxylic Acids and 1,8 Naphthyridine-3-carboxylic Acids", <u>J. Med. Chem.</u> , 31 (1988), pp. 983-91.
61	Domagala et al., "1-Substituted 7-[3-[Ethylamino)methyl]-1 pyrrolidinyl] -6,8-difluoro-1, 4-dihydro-4oxo-3-quinoline carboxylic Acids. New Quantitative Structure-Activity Relationships at N 1 for the Quinolone Antibacterials", <u>J. Med. Chem.</u> , 31 (1988), pp. 991-1001.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

LIST OF DOCUMENTS CITED BY APPLICANTS <i>(Use several sheets if necessary)</i>	ATTY. DOCKET NO. 6843MRR	SERIAL NO. 09/929,943
	APPLICANT Ledoussal et al	
	FILING DATE August 15, 2001	GROUP 1612

U. S. PATENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	62	Rosen et al., "Asymmetric Synthesis and Properties of the Antibacterial Agent 7-(3-Aminopyrrolidin-1-yl)-1-(2,4-difluorophenyl)-1,4-dihydro-6-fluoro-4-oxo-1,8-naphthyridine-3-carboxylic Acid Hydrochloride", <i>J. Med. Chem.</i> , 31 (1988), pp. 1586-90.
	63	Rosen et al., "Desing, Synthesis, and Properties of (4S) -7-(4Amino-2substituted-pyrrolidin 1-yl) quinolone-3-carboxylic Acids", <i>J. Med. Chem.</i> , 31 (1988), pp. 1598-1611.
	64	Bouzard et al., "Fluoronaphthyridines and Quinolones as Antibacterial Agents. 1. Synthesis and Structure-Activity Relationships of New 1-Substituted Derivatives", <i>J. Med. Chem.</i> , 32 (1989), pp. 537-42.
	65	Ledoussal et al., "Potent Non-6-Fluoro-Substituted Quinolone Antibacterials: Synthesis and Biological Activity", <i>J. Med. Chem.</i> , 35 (1992), pp. 198-200.
	66	Domagala et al., "Quinolone Antibacterials Containing the New 7-[3-(1-Aminoethyl)-1 pyrrolidinyl] Side Chain: The Effects of the 1-Aminoethyl Moiety and its Stereochemical Configurations on Potency and in Vivo Efficacy", <i>J. Med. Chem.</i> , 36 (1993), pp. 871-82.
	67	Hagen et al., "Synthesis and Antibacterial Activity of New Quinolones Containing a 7-[3-(1-Amino-1-methylethyl)-1-pyrrolidinyl] Moiety. Gram-Positive Agents with Excellent Oral Activity and Low Side-Effect potential", <i>J. Med. Chem.</i> , 37 (1994), pp. 733-738.
	68	Cecchetti et al., "Studies on 6-Aminoquinolones: Synthesis and Antibacterial Evaluation of 6-Amino-8-methylquinolones", <i>J. Med. Chem.</i> , 39 (1996), pp. 436-45.
	69	Cecchetti et al., "Potent 6-Desfluoro-8-methylquinolones as New Lead Compounds in Antibacterial Chemotherapy", <i>J. Med. Chem.</i> , 39 (1996), pp. 4952-7.
	70	Hong et al., "Novel 5-Amino-6-methylquinolone Antibacterials: A New Class of Non-6-Fluoroquinolones", <i>Bioorganic & Medicinal Chem. Letters</i> , 7 (1997). Pp. 1875-8.
	71	Hayashi et al., "A Novel des-F(6)-Quinolone: Synthesis and In Vitro Activity of 7-(Isoindolin-5-yl) Derivatives", <i>Abstracts in New Antimicrobials</i> , 1997, p. 173; Poster Presentation.
	72	Chemical Abstracts 121:157539, 1994, Abstract by Bartel.
	73	Chemical Abstracts 130:223178, 1999, Tojima.
	74	Chemical Abstracts 130:124998, 1999 Yamamoto.
	75	Chemical Abstracts 129:343410, Takemura, 1998
	76	Chemical Abstracts 129:153244, Sawa, 1998
	77	Marpat 126:31574, Lerchen, 1996
	78	Marpat 121:57343, Kimura, 1993
	79	Marpat 119:56157, Niimura, 1993
	80	Marpat 111:153779, Chiba, 1989
	81	Tabarrini, Oriana et al. "6-Hydroxy Derivative as New Desfluoroquinolone (DFQ): Synthesis and DNA-Binding Study", <i>Nucleosides, Nucleotides & Nucleic Acids</i> , Vol. 19(8), 2000, pgs. 1327-1336

EXAMINER	DATE CONSIDERED
<p>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	